Receipt date: 08/28/2009

Sheet

PTO/SB/08a (03-09)

Savitha M Rao

58086-235854

Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMEDIA
U.S. Patent Complete if Known Substitute for form 1449/PTO Application Number 10/590,445 - Conf. No. 6734 INFORMATION DISCLOSURE Filing Date August 24, 2006 STATEMENT BY APPLICANT First Named Inventor Michael E. Jung Art Unit 1614

Examiner Name

Attorney Docket Number

(Use as many sheets as necessary)

of

5

1

_					
			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A21	3,984,430	10-05-1976	CURRAN	i igui eo Appea
	A22	4,312,881	01-26-1982	WOOTTON	
	A23	4,873,256	10-10-1989	COUSSEDIERE et al.	
	A24	5,166,358	11-24-1992	SEURON et al.	
	A25	5,556,983	09-17-1996	CLAUSSNER et al.	
	A26	5,589,497	12-31-1996	CLAUSSNER et al.	
	A27	5,627,201	05-06-1997	GAILLARD-KELLY et al.	
	A27	5,627,201	07-08-1997	CLAUSSNER et al.	
	A29	5,958,936	09-28-1999	CLAUSSNER et al.	
	A29	6,107,488	08-22-2000	BOUCHET et al.	
	A31			BELLER et al.	
	A31	6,235,910	05-22-2001	CLAUSSNER et al.	
	A32	6,242,611	06-05-2001		
		6,472,415	10-29-2002	SOVAK et al.	
	A34	RE35,956	11-10-1998	GAILLARD-KELLY et al.	
	A35	2004/0116417	06-17-2004	BOUBIA et al.	
	A36	3,823,240	07-09-1974	SAULI	
	A37	4,234,736	11-18-1980	BERNAUER et al.	
	A38	4,304,782	12-08-1981	DUMONT et al.	
	A39	4,407,814	10-04-1983	BERNAUER et al.	
	A40	4,427,438	01-24-1984	NAGANO et al.	
	A41	4,473,393	09-25-1984	NAGPAL	
	A42	4,482,739	11-13-1984	BERNAUER et al.	
	A43	4,749,403	06-07-1988	LIEBL et al.	
	A44	4,859,228	08-22-1989	PRISBYLLA	
	A45	4,873,256	10-10-1989	COUSSEDIERE et al.	
	A46	4,944,791	07-31-1990	SCHRÖDER et al.	
	A47	5,069,711	12-03-1991	FISCHER et al.	
	A48	5,614,620	03-25-1997	Liao et al.	
	A49	6,307,030	10-23-2001	French et al.	
	A50	5,071,773	12-10-1991	Evans et al.	
	A51	2005/0153968 A1	07-14-2005	Bi et al.	
	A52	7,271,188	09-18-2007	Tachibana et al.	
	A53	2007/0249697 A1	10-25-2007	Tachibana et al.	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials* Cite No.		Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (# Innown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶				
	B8	EP 0 580 459 B1	01-26-1994	ROUSSEL UCLAF						
	B9	FR 2 693 461 A1	01-14-1994	ROUSSEL UCLAF		П				
	B10	WO 2006/124118 A1	11-23-2006	UNIV CALIFORNIA		П				
	B11	WO 2006/028226 A1	03-16-2006	CHUGAI SEIYAKU		П				

Examiner Signature	/Savitha Rao/	Date Considered	11/10/2009

Substitute for form 1449/PTO

INFORMATION DISCLOSURE

PTO/SB/08a (03-09)

10/590,445 - Conf. No. 6734

Complete if Known

August 24, 2006

Approved for use through 04/30/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE spond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to re

Filing Date

Application Number

STATEMENT BY APPLICANT							Named Inventor	ung		
						Art Unit 1614				
	(Us	e as many sh	eets a	s necessary)		Exam	niner Name Savitha M R		ao	
Sheet		2	of	5		Attorn	ney Docket Number	58086-2358	54	
	B12	EP 0 002	259 E	11	10-03-1	984	THE WEL	LCOME		Т
	B13	EP 0 494	819 A	1	01-08-1	992	ROUSSEL	-UCLAF		
	B14	EP 0 578	516 A	1	05-28-1	993	ROUSSEL	-UCLAF		
	B15	EP 0 580	459 A	1	05-28-1	993	ROUSSEL	-UCLAF		Т
	B16	EP 0 721	944 E	11	01-17-2	001	SUNTORY	LIMITED		
	B17	EP 1 790	640 A		05-30-2	007	Chugai Pharm	aceutical Ltd		Т
	B18	FR 2 715	402 -	A1	01-05-1	994	ROUSSEL	UCLAF		Т
	B19	FR 2 845	384 -	A1	10-04-2	002	LABORA FOURNII			Т
	B20	WO 02/05	3155	A1	07-11-2	002	GERON COR	PORATION		
	B21	WO 02/08	1453	A1	10-17-2	2002	LABORA FOURNII			
	B22	WO 03/02	9245	A1	04-10-2	2003	BRISTOL-MYE			
	B23	WO 03/09	3243	A1	11-13-2	2003	AVENTIS DEUTSCHLA			T
	B24	WO 2004	0311	60 A2	04-15-2	2004	LABORA FOURNII			
	B25	WO 97/19	064		05-29-1	997	ROUSSEL	UCLAF		
	B26	WO 97/19	931		06-05-1	997	AMERICA PRODI CORPOR	UCTS		
	B27	WO 03/09	6980		11-27-2	2003	Sun e	et al.		T
	B28	WO 05/08	9752		09-29-2	005	Moon	et al.		
	B29	WO 06/01	0642		02-01-2	2006	Strobe	l et al.		
	B30	WO 2007	1270	10	11-08-2	007	UNIV CAL	IFORNIA		I
	B31	AU 21789	3 (co	ver page)	06-12-1	958	Imperial C			
	B32	DE 21026	05 (c	over page)	07-29-1	971	Sumitomo Cl			
	B33	EP 00179					F.Hoffmann-La			T
	B34	EP 00179					F.Hoffmann-La			I

Examiner Signature	/Savitha Rao/	Date Considered 11/10/2009

PTO/SB/08a (03-09)
Approved for use through 04/30/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

On	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid Units control number						
Sul	estitute for form 1449/PTO			Complete if Known			
				Application Number	10/590,445 - Conf. No. 6734		
l In	NFORMATION	I DI	SCLOSURE	Filing Date	August 24, 2006		
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Michael E. Jung		
	(Use as many sheets as necessary)			Art Unit	1614		
				Examiner Name	Savitha M Rao		
Sheet	3	of	5	Attorney Docket Number	58086-235854		

B35	WO 2007/126765	11-08-2007	THE REGENTS OF THE UNIVERSITY OF	
B36	JP 2019363 A	01-23-1990	FUJISAWA PHARMACEUTICAL CO., LTD.	т
B37	EP0331232A2	09-06-1989	JANSSEN PHARMACEUTICA N.V.	П
B38	EP0572191A1	12-01-1993	ROHM AND HAAS COMPANY	П
B39	WO 2004/070050A2	08-19-2004	AVENTIS PHARMA S.A.	П
B40	WO 2003/057220A1 (abstract)	07-17-2003	GLAXO GROUP LTD., UK	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1					
	C90	International Search Report issued in PCT Application No. PCT/US06/11417 dated July 3, 2006				
	C91	Extended European Search Report issued in European Patent Application No. EP 06748863.5, mailed on February 12, 2009.				
	C92	International Search Report issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008.				
	C93	Written Opinion issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008.				
	С93Ь	S.Ouk et al., "Development Of Androgen Receptor Inhibitors For Hormone-refractory Prostate Cancer", Prostate Cancer Foundation Meeting, Scottsdale, AZ, Sept. 29 - Oct. 1, 2005.				
	C94	Cousty-Berlin, et al., "Preliminary Pharmacokinetics and Metabolism of Novel Non- steroidal Antiandrogens in the Rat: Relation of their Systemic Activity to the Formation of a Common Metabolite," J. Steroid Biochem. Molec. Biol., Vol. 51, No. 1/2, pp. 47-55 (1994).				
	C95	Feher, et al., "BHB: A Simple Knowledge-Based Scoring Function to Improve the Efficiency of Database Screening," <i>J. Chem. Inf. Comput. Sci.</i> , Vol. 43, pp. 1316-1327 (2003).				
	C96	Foury, et al., "Control of the Proliferation of Prostate Cancer Cells by an Androgen and Two Antiandrogens. Cell Specific Sets of Responses," <i>J. Sterold Biochem. Molec. Biol.</i> , Vol. 66, No. 4, pp. 235-240 (1998).				
	C97	Goubet, et al., "Conversion of a Thiohydantoin to he Corresponding Hydantoin via a Ring-Opening/Ring Closure Mechanism, <i>Tetrahedron Letters</i> , Vol. 37, No. 43, pp. 7727-7730 (1996).				
	C98	Karvonen, et al., "Interaction of Androgen Receptors with Androgen Response Element in Intact Cells," <i>The Journal of Biological Chemistry</i> , Vol. 272, No. 25, pp. 15973-15979 (1997).				

Examiner Signature	/Savitha Rao/	Date Considered	11/10/2009

PTC/SB/08a (03-09)
Approved for use through 04/30/2009, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Ur	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.						
Su	bstitute for form 1449/PTO			Complete if Known			
				Application Number	10/590,445 - Conf. No. 6734		
1 1	NFORMATION	1 DI	SCLOSURE	Filing Date	August 24, 2006		
5	STATEMENT I	3Y /	APPLICANT	First Named Inventor	Michael E. Jung		
				Art Unit	1614		
	(Use as many sh	eets as	necessary)	Examiner Name	Savitha M Rao		
Sheet	4	of	5	Attorney Docket Number	58086-235854		

C99	Kemppainen, et al., "Distinguishing Androgen Receptor Agonists and Antagonists: Distinct Mechanisms of Activation by Medroxyprogesterone Acetate and Dihydrotestosterone," Mol. Endocrinol., Vol. 13, pp. 440-454 (1999); mend.endojournals.org,	
C100	Marhelka, et al., "Homology Modeling Using Multiple Molecular Dynamics Simulations and Docking Sudies of the Human Androgen Receptor Ligand Binding Domain Bound to Testosterone and Nonsteroidal Ligands," J. Med. Chem., Vol. 44, No. 11, pp. 1729-1740 (2001),	
C101	58841,"NY Acad. Sci., Vol. 761, pp. 56-65 (1995).	
C102	Vol. 48, No. 4, pp. 917-925 (2005).	
C103	Molecular Biology, Vol. 73, pp. 93-103 (2000).	
C104	Zarghami, et al., "Steroid hormone regulation of prostate-specific antigen gene expression in breast cancer," <i>British Journal of Cancer</i> , Vol. 75, No. 4, pp. 579-588 ((1997).	
C105	September 4, 2008	
C106	Written Opinion issued in PCT Application PCT/US2007/07485, mailed on September 4, 2008	
C107	International Search Report issued in International Application No. PCT/US2008/012149 mailed on April 29, 2009	
C108	Written Opinion issued in International Application No. PCT/US2008/012149, mailed on April 29, 2009.	
C109	Office Action issued in U.S. Patent Application 10/590,445, mailed on March 2, 2009	
C110	Intermedianal County Department in Intermedianal Application No. DCT/ICCCC7/007054	
C111	Written Opinion issued in International Application No. PCT/US2007/007854, mailed on April 15, 2008	
C112	International Search Report issued in PCT Application No. PCT/US2004/042221, mailed on June 20, 2005	
C113	Written Opinion issued in PCT Application No. PCT/US2004/042221, mailed on June 20, 2005	
C114	Written Opinion issued in PCT Application No. PCT/US2005/005529, mailed on November 10, 2005	
C115	Written Opinion issued in PCT Application No. PCT/US2006/011417, mailed on July 3, 2006	
C116	Data Sheet from U.S. Patent and Trademark Office (USPTO) File Wrapper for U.S. Serial Number 08/807,760	
C117	Notice of References Cited from U.S. Patent and Trademark Office (USPTO) File Wrapper for U.S. Serial Number 08/807,760	
C118	Office Action of 1/19/1994 from U.S. Patent and Trademark Office for U.S. Serial Number	
C119	Office Action (paper number 7) from U.S. Patent and Trademark Office for U.S. Serial Number 08/054,257	

Examiner Signature	/Savitha Rao/	Date Considered	11/10/2009

Receipt date: 08/28/2009

PTO/SB/08a (03-09)

Approved for use through 04/30/2009, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid CMB control number										
ſ	Sub	stitute for form 1449/PTO			Complete if Known					
-					Application Number	10/590,445 - Conf. No. 6734				
-	- IN	IFORMATION	1 DI	SCLOSURE	Filing Date	August 24, 2006				
-	S	TATEMENT I	3Y /	APPLICANT	First Named Inventor	Michael E. Jung				
-					Art Unit	1614				
ı		(Use as many sh	eets as	necessary)	Examiner Name	Savitha M Rao				
	Sheet	5	of	5	Attorney Docket Number	58086-235854				

C120	Office Action (paper number 10) from U.S, Patent and Trademark Office for U.S, Serial Number 08/064,257	
C121	Office Action of 8/14/1992 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C122	Notice of References Cited of 7/24/1992 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C123	Office Action of 2/22/1993 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C124	Office Action of 9/2/1993 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C125	Office Action of 6/1/1994 from U.S. Patent and Trademark Office for U.S. Serial Number 07/819,110	
C126	M.J. Linja et al., "Amplification and overexpression of androgen receptor gene in hormone-refractory prostate cancer", Cancer Research, vol. 61 (1 May 2001) pp. 3550-3555.	
C127	J. Holzbeierlein et al., "Gene Expression Analysis of Human Prostate Carcinoma during Hormonal Therapy Identifies Androgen-Responsive Genes and Mechanisms of Therapy Resistance", Am. J. Pathology, vol. 164, no. 1 (Jan. 2004) pp.217-227.	
C128	C.D. Chen et al., "Molecular determinants of resistance to antiandrogen therapy", Nature Medicine, vol. 10, no. 1 (Jan. 2004) pp.33-39.	П
C129	Office Action of 7/23/2008 from U.S. Patent and Trademark Office for U.S. Serial Number 10/590,445	
C130	Karp et al., "Prostate Cancer Prevention: Investigational Approaches and Opportunities", Cancer Res., v. 56 (Dec. 15, 1996) pp. 5547-5556.	
C131	Graham and van der Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA", Virology, v. 52(2) (April 1973) pp. 456-467.	

EXAMINE: I initial if reference considered, whether or not clastion is in conformance with MPEP 800. Draw line through clastion if no in porformance and not considered. I include copy of this form with next communication to application. "Applicants unique clastion designation number (optional)" see it rives to designate considered comments, the indication of the year of the region of the Empior number proceed the settind number of the patient document. When of document under WPPO Standard ST 16 if possible. "Applicant is to place a check mark here if English language Translation is stational."

Examiner Signature	/Savitha Rao/	Date Considered	11/10/2009	